

Abstract

The invention relates to a carrier device (1) for a biological preparation (5) which can be cut by means of laser micro-dissection, said preparation (5) being arranged on a freely stressed film (3) which absorbs laser light and is applied to a frame-shaped holder. According to the invention, the frame-shaped holder is essentially embodied as the wall (2) of a petridish without a bottom or partially provided with a bottom, and the film (3) absorbing laser light exclusively replaces said missing bottom. The invention also relates to a device for laser micro-dissection in which a cutting, focussed laser beam (17) is downwardly oriented through an objective (19) towards a biological preparation (5), an interesting preparation region being encircled by a closed cutting line and cut out of its surrounding area. Said device for laser micro-dissection is suitable for the laser micro-dissection of biological live cultures, in that it is provided with an inventive carrier device (1) containing an applied biological live preparation (5).